Index of Claims

| Application No. , | Applicant(s) |   |
|-------------------|--------------|---|
| 09/684,712        | QUIGLEY ET A | L |
| Examiner          | Art Unit     |   |

Rejected - (Through numeral)
Cancelled

Allowed + Restricted

N Non-Elected

I Interference

ALEXANDER BOAKYE

A Appeal
O Objected

2667

| Clá      | aim      | Date   |                 |   |          |  |          |  |                   | Cla      | aim | Date      |          |                 |                 |          |          |          |           | Cla      | aim      | Date |       |            |          |                 |          |          |   |          |          |   |          |
|----------|----------|--|-----------------|---|----------|--|----------|--|-------------------|----------|-----|-----------|----------|-----------------|-----------------|----------|----------|----------|-----------|----------|----------|------|-------|------------|----------|-----------------|----------|----------|---|----------|----------|---|----------|
| Final    | Original | 5/11/05  |                 |   |          |  |          |  |                   |          |     | Final     | Original |                 |                 |          |          |          |           |          |          |      | Final | Original   |          |                 |          |          |   |          |          | , |          |
| 1        | 1        | =  | $\Box$          |   | T        | -  | ✝        | Ħ  |                   |          |     |           | 51       |                 | $\dashv$        | 十        | +        | 十        | $\Box$    |          | $\dashv$ |      |       | 101        |          |                 |          |          |   |          |          |   | ᅥ        |
| 2        | 2        | =  | П               |   |          |  | 1        |  |                   |          |     |           | 52       |                 | $\neg$          | 1        | $\top$   | 十        | $\top$    | $\top$   | 7        |      |       | 102        |          |                 |          |          |   |          |          |   | ヿ        |
| 3        | 3        | =  |                 |   | Г        |  | Γ        | Γ  |                   |          |     |           | 53       |                 |                 | $\top$   | $\top$   | 1        | $\top$    |          | 7        |      |       | 103        |          |                 |          |          |   |          | $\Box$   |   | ヿ        |
| 4        | 4        | =  |                 |   |          |  |          |  |                   |          |     |           | 54       |                 |                 | Т        |          | $\Box$   |           |          | _        |      |       | 104        |          |                 |          |          |   |          |          |   |          |
| 5        | 5        | =  |                 |   |          |  |          |  |                   |          |     |           | 55       |                 |                 |          |          |          |           |          |          |      |       | 105        |          |                 |          |          |   |          |          |   |          |
| 6        | 6        | =  |                 |   |          |  |          |  |                   |          |     |           | 56       |                 |                 |          |          |          |           |          |          |      |       | 106        |          |                 |          |          |   |          |          |   |          |
| 7        | 7        | =  |                 |   | _        | <u> </u>   |          |  |                   | L        |     |           | 57       | Щ               | _               | _        | 丄        | $\perp$  | Ш         |          | _ :      |      |       | 107        |          |                 |          |          |   |          |          |   |          |
| 8        | 8        | =  |                 | _ |          | ļ  | 1        | _  |                   |          |     |           | 58       | Ш               |                 |          | $\bot$   | $\perp$  | $\sqcup$  | $\perp$  | _        |      |       | 108        |          |                 |          |          |   |          |          |   | _        |
| 9        | 9        | =  |                 |   | ╙        | <u> </u>   | ╙        | <u> </u>   | $\perp$           |          |     |           | 59       | Ш               |                 | _        |          | $\perp$  | $\perp$   | $\perp$  | 4        |      |       | 109        |          |                 |          |          |   |          | $\Box$   |   |          |
| 10       | 10       | =  | Ш               | _ |          | ↓_   | 1        | ļ  | $\perp$           | <u> </u> |     |           | 60       |                 |                 | _        | _        | ┸        | $\bot$    |          | 4        |      |       | 110        |          |                 |          |          |   |          | _        |   | _        |
| 11       | 11       | =  | $\vdash$        |   | $\vdash$ | 1  | 1        | <u> </u>   | +                 | <u> </u> |     | <u> </u>  | 61       | $\sqcup$        |                 | +        | +        | +        | $\dashv$  | +        | 4        |      |       | 111        |          |                 |          |          |   |          | _        | _ | 4        |
| 12<br>13 | 12       | =  |                 |   | $\vdash$ | +  | +        | $\vdash$   | +                 | -        |     |           | 62       | $\vdash \vdash$ | $\dashv$        | +        | +        | +        | +         |          | -        |      |       | 112        | $\vdash$ | $\vdash$        |          | $\vdash$ |   |          | $\dashv$ | _ |          |
| 14       | 13<br>14 | =  | $\vdash$        |   | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | +                 | —        |     | <u> </u>  | 63<br>64 | $\vdash$        | $\dashv$        | +        | +        | +        | +         | -        | $\dashv$ |      |       | 113<br>114 |          | $\vdash$        |          | $\dashv$ |   | $\vdash$ |          | - | $\dashv$ |
| 15       | 15       | =  | $\vdash$        |   | $\vdash$ | $\vdash$   | ╀        | ┼  | +                 |          |     | <u> </u>  | 65       | $\vdash \vdash$ | $\dashv$        | +        | +        | +        | +         | -        | $\dashv$ |      |       | 115        | $\vdash$ | $\dashv$        |          | $\dashv$ |   | -        |          |   | $\dashv$ |
| 16       | 16       | ▐▔   | $\vdash$        |   |          | ┢  |          | $\vdash$   | +                 |          |     |           | 66       | $\vdash$        | $\dashv$        | +        | +        | +        | +         | +        |          |      |       | 116        |          | -               |          | _        |   | -        | $\dashv$ | _ | $\dashv$ |
| 17       | 17       | ΙΞ   | $\vdash$        |   | -        | ┢  | 1        | <del> </del>                                     | +                 |          |     |           | 67       | H               | +               | +        | +        | ╁        | +         |          | -        |      |       | 117        |          |                 |          |          |   |          | $\dashv$ | - | $\dashv$ |
| 18       | 18       | =  | H               |   |          | ┢  | +        | +  | +                 |          |     |           | 68       | $\vdash$        | $\dashv$        | +        | +        | $\dashv$ | ╁╾╽       | $\dashv$ | -        |      |       | 118        | $\vdash$ | $\dashv$        | $\neg$   | $\dashv$ |   | -        |          |   | -        |
| 19       | 19       | =  | H               |   |          | $\vdash$   | 1        | -  | +                 | -        |     |           | 69       | $\vdash$        | $\dashv$        | +        | +        |          | ╁╌┤       | +        | -1:      |      |       | 119        |          |                 |          |          |   | $\vdash$ | -        |   | -        |
| 20       | 20       | =  | H               |   |          | <del>                                     </del> | $\vdash$ | <del>                                     </del> |                   |          |     |           | 70       | $\vdash$        | $\dashv$        | +        | +        | +-       | 1 1       | +        | -        |      |       | 120        | $\vdash$ |                 |          | $\dashv$ |   |          | $\dashv$ |   | $\dashv$ |
| 21       | 21       | ╘  | Ħ               |   |          | <u> </u>   |          | <del>                                     </del> | 1                 |          |     |           | 71       | H               | _               | 十        | +        | ╁        | $\Box$    | $\dashv$ | -(1      |      |       | 121        | -        |                 |          |          |   |          | $\dashv$ | _ | $\dashv$ |
| 22       | 22       | ╘  | П               |   |          | <u> </u>   |          | <del>                                     </del> | 1 1               |          |     |           | 72       | H               | _               | +        | $\top$   | +        | $\Box$    |          | -        |      |       | 122        | _        | $\dashv$        |          |          |   | $\neg$   | ヿ        |   | $\neg$   |
| 23       | 23       | =  | П               |   |          | <u> </u>   | $\top$   | 1  | Ħ                 |          |     |           | 73       | П               | 寸               |          | 十        | 1        |           | T        |          |      |       | 123        |          |                 |          |          |   |          | $\neg$   |   | ヿ        |
| 24       | 24       | =  | П               |   |          |  | Π        |  |                   |          |     |           | 74       | П               |                 |          |          |          | $\Box$    |          |          |      |       | 124        |          |                 |          |          |   |          |          |   | ヿ        |
|          | 25       |  |                 |   |          |  |          |  |                   |          |     |           | 75       | П               |                 |          |          |          |           |          | 7        |      |       | 125        |          |                 |          |          |   |          | $\neg$   |   |          |
|          | 26       |  |                 |   |          |  |          |  |                   |          |     |           | 76       | П               |                 |          |          |          |           |          |          |      |       | 126        |          |                 |          |          |   |          |          |   |          |
|          | 27       |  |                 |   |          |  |          |  |                   |          |     |           | 77       |                 |                 |          |          |          |           |          |          | [    |       | 127        |          |                 |          |          |   |          |          |   |          |
|          | 28       | L  |                 |   |          |  |          |  |                   |          |     |           | 78       |                 |                 |          |          |          |           |          |          | [    |       | 128        |          |                 |          |          |   |          |          |   |          |
|          | 29       |  | Ш               |   | _        | <u> </u>   | L        |  |                   |          |     |           | 79       | Ш               |                 |          | $\perp$  | $\perp$  |           |          |          |      |       | 129        |          |                 |          | ·        |   |          |          |   |          |
|          | 30       | _  | Ш               |   | <u> </u> | L  | _        | _  |                   |          |     |           | 80       |                 | _               | _        | $\perp$  | _        |           | _        | _        |      |       | 130        |          |                 |          |          |   |          |          |   |          |
|          | 31       | _  | Ш               |   | <u> </u> | L  | <u> </u> |  |                   |          |     | <u>.</u>  | 81       | Ш               | _               | $\perp$  | $\perp$  |          | $\sqcup$  | _        | _        |      |       | 131        |          |                 |          |          |   |          |          |   | _        |
| <u> </u> | 32       | _  |                 |   | _        | <u> </u>   | _        | <u> </u>   | <u> </u>          |          |     | <u> </u>  | 82       | Ш               | 4               | _        | $\bot$   | $\bot$   | $\sqcup$  |          | _        |      |       | 132        |          |                 |          |          |   |          | _        |   |          |
|          | 33       | _  | $\sqcup$        |   | _        | <u> </u>   | -        | <u> </u>   |                   |          |     |           | 83       | Ш               | _               |          | $\perp$  |          | $\perp$   |          | _        |      |       | 133        |          |                 |          |          |   |          | $\dashv$ | _ | _        |
|          | 34       | ⊢  | $\vdash \vdash$ | _ | <u> </u> | ⊢  | -        | <b>!</b>   | 1.                | _        |     |           | 84       |                 |                 | _        | - -      |          | +         | $\dashv$ | -1       |      |       | 134        |          |                 |          |          |   |          |          |   |          |
|          | 35       | ⊢  | $\vdash$        |   | <u> </u> | ┢  | ├-       | ⊢  | +                 |          |     | <u> </u>  | 85       |                 | -+              |          | +        |          | +         | _        | -        |      |       | 135        | _        | -               |          |          | _ | -        | -        |   | -        |
| <u> </u> | 36<br>37 | ⊢  | $\vdash$        | — |          | ┝  |          | $\vdash$   | +                 |          |     |           | 86       |                 | -+              | +        | - -      | +        | +         | +        | -        |      |       | 136        | <u> </u> | <b>.</b>        |          |          |   | $\dashv$ | $\dashv$ |   |          |
|          | 38       | $\vdash$   | Н               |   | -        | ├  | -        | $\vdash$   | +                 |          |     | <u> </u>  | 87<br>88 | $\vdash$        | -+              |          |          | -        | +         |          | -        |      |       | 137<br>138 | $\vdash$ |                 |          |          |   |          |          |   | $\dashv$ |
|          | 39       | $\vdash$   | Н               |   | $\vdash$ | ├  | -        | ╁  | ╁╌                |          |     | <u> </u>  | 89       | $\vdash$        | $\dashv$        | +        | +        | -        | +         |          | -        |      |       | 139        | -        |                 |          |          |   | -        | $\dashv$ |   | -        |
| <u> </u> | 40       | <del>                                     </del> | H               |   | $\vdash$ | $\vdash$   | +-       | $\vdash$   | ╁┤                | _        |     | $\vdash$  | 90       | $\vdash \vdash$ | $\dashv$        | +        | +        | +        | ╁╌┤       | -+-      | $\dashv$ |      |       | 140        | $\vdash$ | $\vdash$        |          | $\vdash$ |   | $\vdash$ | $\dashv$ | - | $\dashv$ |
|          | 41       | _  | $\vdash$        |   | $\vdash$ | $\vdash$   | ╁╾       | ├-   | +                 | _        |     |           | 91       | $\vdash$        | $\dashv$        | +        | +        | +-       | +         | +        | $\dashv$ |      |       | 141        |          | $\vdash$        | -        | -        |   | $\dashv$ | $\dashv$ | - | $\dashv$ |
|          | 42       | $\vdash$   | $\vdash$        |   | $\vdash$ | $\vdash$   | +-       | $\vdash$   | +                 | -        |     | <b></b> - | 92       | $\vdash \vdash$ | $\dashv$        | +        | $\dashv$ | +-       | +         | $\dashv$ | $\dashv$ |      |       | 142        | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$ |   | $\dashv$ | $\dashv$ | - | ᅱ        |
|          | 43       |  | $\vdash$        |   | $\vdash$ | t  | 1        | t  | $\dagger \exists$ | -        |     | <b></b>   | 93       | $\vdash$        | $\dashv$        | +        | +        | +        | +         | $\dashv$ | $\dashv$ |      |       | 143        | $\vdash$ | $\vdash$        | Н        |          |   |          | $\dashv$ | - | $\dashv$ |
|          | 44       |  | $\vdash$        |   | Г        | T  | T        | t  | $\Box$            | -        |     | <u> </u>  | 94       | $\Box$          | 7               | $\dashv$ | $\top$   | +        | +         | $\dashv$ | ┥:       |      |       | 144        | Н        | $\vdash$        |          | $\vdash$ |   | $\vdash$ |          | _ | $\dashv$ |
|          | 45       |  | Н               |   | Г        | $\vdash$   | $t^{-}$  | $\vdash$   | $\dagger \exists$ | -        |     |           | 95       | $\vdash$        | $\dashv$        | +        | $\dashv$ | +        | +         | $\dashv$ | ╣        |      |       | 145        |          | $\vdash$        | $\vdash$ | -        |   | $\dashv$ | $\dashv$ | _ | 一        |
|          | 46       | Г  | П               |   | Г        | 1  | 1        | <del>                                     </del> | $\top$            |          |     |           | 96       | $\Box$          | $\dashv$        | 1        | $\top$   | $\top$   | $\dagger$ | $\dashv$ | $\dashv$ |      |       | 146        |          | $\vdash \vdash$ |          |          |   | $\Box$   | $\dashv$ |   | ㅓ        |
|          | 47       |  |                 |   |          | Ī  | T        | Γ  | П                 |          |     | l         | 97       | $\vdash$        | $\dashv$        | $\top$   | $\dashv$ | $\top$   | $\dagger$ | $\neg$   | 7        |      |       | 147        |          |                 |          | $\vdash$ |   |          | $\dashv$ |   | ㅓ        |
|          | 48       |  |                 |   |          |  | Γ        |  | $\Box$            |          |     |           | 98       | П               | $\neg \uparrow$ | 十        | $\top$   | +        |           | $\neg$   | 7        |      |       | 148        |          | П               |          |          |   |          | $\Box$   |   | ᅱ        |
|          | 49       |  |                 | _ |          |  |          |  |                   |          |     |           | 99       |                 |                 |          | T        | 1        |           |          |          |      |       | 149        |          |                 |          |          |   |          | $\Box$   |   | $\neg$   |
|          | 50       |  |                 |   |          | 匚  | L        |  |                   |          |     |           | 100      |                 |                 | T        |          | T        |           |          |          |      |       | 150        |          |                 |          |          |   |          |          |   |          |